POST SPACING - TWO POST SIGNS (CENTER TO CENTER)													
Panel Width	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
Post Spacing	2'-6"	3'-0"	3'-8"	4'-2"	4'-8"	5'-4"	6'-0"	6'-8"	7'-4"	8'-0"	8'-8"	9'-4"	10'-0"

POST SPACING - THREE POST SIGNS (CENTER TO CENTER)									
Panel Width	8'	9'	10'	11'	12'	13'	14'	15'	16'
Post Spacing	2'-10"	3'-2"	3'- 6"	3'-10"	4'-2"	4'-6"	4'-10"	5'-2"	5'-6"

POST SPACING - FOUR POST SIGNS (CENTER TO CENTER)					
Panel Width	12'	13'	14'	15'	16'
Post Spacing	4'-2"	5'-4"	6'-0"	6'-8"	7'-4"

POST INFORMATION		
Post Size (nominal)	Embedment Depth	Notch Depth & Hole Diameter
4 x 4	3'-0"	(None)
4 x 6	4'-0"	1¾"
6 x 8	4'-0"	2½"

	WOOD POST SELECTION CHART															
	Sign Width (W) (feet)															
Sign Height (H) (feet)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	1-4x6															*
7			1-4x8											4-6x8		
6								2-6x8				3-6x8				
5																
4																
3			1-4x6				2-4x6									
2	1-4x4															
1						2-4x4										

* Use 4-6x8 posts, but only if post length below the sign is limited to 10 ft or less.

NOTES:

1. Post size recommendations are derived from calculations based on AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, using a base wind speed of 90 mph for a temporary condition (11.0 psf wind load on sign panel).
2. Post sizes are based on 12 ft offset from edge of pavement on a 6:1 fill slope. If placed farther from edge of pavement or on a steeper slope, engineering judgment may be used in the selection and design of sign posts and supports.
3. See the Special Wind Region map in Standard Drawing S-1 for areas of the state that may experience different wind speeds. In these areas, engineering judgment may be used in the selection and design of sign posts and supports.
4. W = width of sign panel or widest panel in sign assembly. H = height of sign panel or total sign assembly. For diamond warning signs, W = H = diagonal length along one side of sign.

NOT TO SCALE

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	ORIGINAL ISSUE		
2			
3		T. Valentin	6/14
4			

DESIGN APPROVED
SIGNATURES

APPROVED FOR DISTRIBUTION
ON FILE

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC SIGNING & MARKING
STANDARD DRAWINGS

TEMPORARY WOOD POST
SELECTION CHART

REVISION 6/14
DRAWING NO. S-16
SHEET NO. 2 of 2